



ELSEVIER

Signal Processing 69 (1998) 301–302

**SIGNAL
PROCESSING**

Cumulative contents of Volume 69

Volume 69, No. 1, August 1998

Papers

Publisher's note	vii
E.E. Kuruoğlu, P.J.W. Rayner and W.J. Fitzgerald	
Least l_p -norm impulsive noise cancellation with polynomial filters	1
K. Abed-Meraim and Y. Hua	
Weighted minimum noise subspace method for blind system identification	15
Y. Tan X.-Q. Gao and Z.-Y. He	
Neural networks design approach for cosine-modulated FIR filter banks and compactly supported wavelets with almost PR property	29
W.P. Malcolm and L.B. White	
Spatial filtering of general linear Gauss–Markov processes	49
S. Pigeon and L. Vandendorpe	
Image-based multimodal face authentication	59
B. Santhanam and P. Maragos	
Harmonic analysis and restoration of separation methods for periodic signal mixtures: Algebraic separation versus comb filtering	81
B. Emile and P. Comon	
Estimation of time delays between unknown colored signals	93

Volume 69, No. 2, September 1998

Papers

D. Declercq and P. Duvaut	
Hermite normality tests	101
R.J. Mueller, H.D. Cheng and A.R. Barakat	
Incoherent radar spectrum processing using neural network	117
Y. Xiao, Y. Tadokoro and K. Iwamoto	
Real-valued LMS Fourier analyzer for sinusoidal signals in additive noise	131
C.-L. Yu and J.-L. Wu	
Hierarchical dictionary model and dictionary management policies for data compression	149
E. Eweda, W.M. Younis and S.H. El-Ramly	
Tracking performance of a quantized adaptive filter equipped with the sign algorithm	157
J.C. Handley and E.R. Dougherty	
Probability distributions for discrete one-dimensional coverage processes	163
K. Ralev and P. Bauer	
New tools for localization of limit cycles in recursive block floating point systems	169
A. Stoffel	
Remarks on the unsubsamped wavelet transform and the lifting scheme	177
T. Alieva and A.M. Barbé	
Fractional Fourier and Radon–Wigner transforms of periodic signals	183

L. Luo, Y. Lu, C. Zou and Z. He Image sequence macroblock classification using neural networks	191
A. Djebbari, M.F. Belbachir and J.M. Rouvaen A fast exhaustive search algorithm for checking limit cycles in fixed-point digital filters	199
Announcements and call for papers	207

Volume 69, No. 3, September 1998**Papers**

A. Farina and R. Miglioli Association of active and passive tracks for airborne sensors	209
L.D. Paarmann Mapping from the s -domain to the z -domain via the magnitude-invariance method	219
R.J. Martin Autoregression and irregular sampling: Filtering	229
C.C. Ko, W.H. Pan and Y. Sheng Zero tracking algorithm for two-dimensional arrays with look direction constraint	249
S. Välimäki and S.J. Ovaska Delayless recursive differentiator with efficient noise attenuation for control instrumentation	267
H.G. Kim, I. Song, Y.H. Kim, S.R. Park and S.H. Yoon An analysis of the median-shift sign detector under various noise distributions	281
Author index of Volume 69	299
Cumulative contents of Volume 69	301

